

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-103. (Canceled)

104. (Currently Amended) A tubular insert for insertion into an ear canal of a wearer, said tubular insert comprising:

a radially flexible, substantially axially rigid sound conduction tube constructed and adapted for removable connection to a receiver section of a main module of a canal hearing device when said main module is at least partially inserted into the ear canal and for comfortable and consistent insertion into and removal from the ear canal, for delivering sound to the tympanic membrane when said tubular insert is worn in the ear canal;

a first concentric acoustic seal projecting radially from said sound conduction tube to flexibly engage the wall of the bony part of the ear canal in a sealing manner and form a first confined space between said first concentric acoustic seal and the tympanic membrane when said tubular insert is worn in the ear canal, said first concentric acoustic seal having a relatively small pressure vent extending therethrough; and

a second concentric acoustic seal on said sound conduction tube or on the receiver section to flexibly engage the wall of the cartilaginous part of the ear canal in a sealing manner and form a second confined space between said first concentric acoustic seal and said second concentric acoustic seal, said seals, said second concentric acoustic seal having a relatively larger occlusion-relief vent extending therethrough and providing an attenuation of sound at frequencies between 125 Hz and 4000 Hz;

wherein, when said tubular insert is worn in the ear canal, said pressure vent of said first concentric acoustic seal and occlusion relief vent of said second concentric acoustic seal provide vents provide substantial acoustic sealing for sound delivered in said first space, while directing occlusion sounds away from the tympanic membrane.

105. (Previously Presented) The tubular insert of claim 104, wherein:

said sound conduction tube is constructed and adapted to be disposable for selective replacement thereof.

106. (Previously Presented) The tubular insert of claim 104, wherein:
said sound conduction tube is constructed and adapted to possess structural characteristics of kink-resistance and non-collapse when inserted in said ear canal.

107. (Previously Presented) The tubular insert of claim 104, wherein:
said sound conduction tube has generic configurations and sizes to accommodate any of a variety of ear canal sizes and shapes.

108. (Original) The tubular insert of claim 104, wherein:
said sound conduction tube comprises multiple tubing for either multiple channel sound conduction or venting.

109. (Original) The tubular insert of claim 104, wherein:
said sound conduction tube is at least 8 mm in length.

110. (Original) The tubular insert of claim 104, wherein:
said sound conduction tube has an inside diameter not greater than 2 mm.

111. (Original) The tubular insert of claim 104, wherein:
said sound conduction tube is constructed and adapted to provide a boost for conducted sounds at the high range of audiometric frequencies.

112. (Currently Amended) The tubular insert of claim 104, wherein:
the first concentric acoustic seal comprises a pressure vent in the form of a hole, cavity, slit, or tube having a diameter or width not greater than 0.5 mm.

113. (Currently Amended) The tubular insert of claim 112, wherein:
said pressure vent is incorporated directly on the first concentric acoustic seal.

114. (Original) The tubular insert of claim 112, wherein:

said pressure vent is indirectly incorporated along said sound conduction tube or a connector associated with said sound conduction tube.

115. (Currently Amended) The tubular insert of claim 104, wherein:
said sound conduction tube is constructed and adapted to extend medially past the first concentric acoustic seal toward said tympanic membrane, when said tubular insert is worn in said ear canal.

116. (Currently Amended) The tubular insert of claim 104, wherein:
said concentric acoustic seals are hollow and of generally cylindrical shape.

117. (Currently Amended) The tubular insert of claim 104, wherein:
said concentric acoustic seals are flanged, mushroom shaped, or clustered.

118. (Currently Amended) The tubular insert of claim 104, wherein:
the cross sectional perimeter of each of said concentric acoustic seals is either circular, elliptical, or ovals and inferiorly pointed.

119. (Currently Amended) The tubular insert of claim 104, wherein:
said concentric acoustic seals are constructed and adapted to contact the walls of said ear canal with a span of at least 2 mm longitudinally, when said tubular insert is worn in said ear canal.

120. (Currently Amended) The tubular insert of claim 104, wherein:
at least one of said concentric acoustic seals further comprises medication material selected from a group including anti-bacterial and anti-microbial agents.

121. (Currently Amended) The tubular insert of claim 104, wherein:
at least one of said concentric acoustic seals further comprises lubricant to facilitate insertion and removal of said tubular insert into and from said ear canal.

122. (Previously Presented) The tubular insert of claim 104, including:
means for removably connecting said sound conduction tube to said receiver section.

123. (Original) The tubular insert of claim 122, wherein:
said connecting means comprises a snap-on, threaded, spring-loaded, pressure-fit,
or side-slide mating mechanism.

124. (Previously Presented) The tubular insert of claim 122, further including:
a tube connector for concentric coaxial connection of said tubular insert sound
conduction tube over said receiver section.

125. (Original) The tubular insert of claim 104, including:
means adapting said tubular insert for hearing enhancement of a hearing impaired
wearer.

126. (Original) The tubular insert of claim 104, including: means adapting said
tubular insert for audio communications.

127. (Canceled)

128. (Currently Amended) A tubular insert for an ear canal of a wearer,
comprising:
a sound conduction tube constructed and adapted for removable connection to a
sound receiver module of a hearing device when said receiver module is at least partially inserted
into the ear canal, for comfortable insertion into and removal from the ear canal, and when
inserted, to deliver sound received by the module to the tympanic membrane;

at least one appendage on the sound conduction tube to establish a substantially
acoustically sealed space at the bony area of the ear canal in which the sound is to be delivered to
the tympanic membrane; and

another appendage on the sound conduction tube or on the sound receiver module
for cooperating with said at least one appendage to acoustically seal in the cartilaginous area of
the ear canal and direct occlusion sounds away from the tympanic membrane when said tubular
insert is connected to said sound receiver module and worn in the ear canal.

129. (Canceled)

130. (Currently Amended) A canal sound conduction tube for a hearing device, comprising:

a tube portion for connection to a main module of the hearing device when said main module is at least partially inserted into an ear canal of a user in proximity to the eardrum;

means operatively associated with the tube portion and the hearing device for delivering received sounds to an acoustically sealed space in the bony region of the ear canal about the eardrum; and

means operatively associated with the tube portion and the hearing device for acoustically sealing in the cartilaginous area of the ear canal and concurrently directing occlusion sounds away from the eardrum, when worn by the user.